

DECLARATION AND POWER OF ATTORNEY

CONTINUATION-IN-PART APPLICATION

We, GUIDO GUGLIELMI, a citizen of Italy, and IVAN SEPETKA, a citizen of United States of America, declare that we verily believe that we are the original and first inventors of the IMPROVEMENTS IN AN ENDOVASCULAR ELECTROLYTICALLY DETACHABLE GUIDEWIRE TIP FOR THE FORMATION OF THROMBUS IN ARTERIES, VEINS, ANEURYSMS, VASCULAR MALFORMATIONS AND ARTERIOVENOUS FISTULAS, described and claimed in the continuation-in-part application attached hereto;

that this application in part discloses and claims subject matter disclosed in our earlier filed pending application, Serial No. 07/492,717 filed March 13, 1990;

that we hereby state that we have reviewed and understand the contents of the attached specification including the claims as amended;

that we acknowledge our duty to disclose information of which we are aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a);

that we acknowledge our duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the filing date of the continuation-in-part application which discloses and claims subject matter in addition to that disclosed in the prior application;

that as to the subject matter of this application which is common to said earlier application, we do not know and do not believe that the same was ever known or used in the United States of America before our invention thereof or patented or described in any printed publication in any country before our invention thereof or more than one year prior to said earlier application, or in public use or on sale in the United States of America more than one year prior to said earlier application; that said common subject matter has not been patented or made the subject of an inventor's certificate issued before the date of said earlier application in any country foreign to the United

States of America on an application filed by us or our legal representatives or assigns more than twelve months prior to said earlier application; and that no application for patent or inventors' certificate on said invention has been filed by us or our representatives or assigns in any country foreign to the United States of America except as follows:

none

that, as to the subject matter of this application which is not common to said earlier application, we do not know and do not believe that the same was ever known or used in the United States of America before our invention thereof or patented or described in any printed publication in any country before our invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States of America more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an inventors' certificate issued in any country foreign to the United States of America on an application filed by us or our legal representatives or assigns more than twelve months prior to the date of this application; and that no application for patent or inventors' certificate on said invention has been filed by us or our representatives or assigns in any country foreign to the United States of America except as follows:

none

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

William H. Pavitt, Jr., Registration No. 16,290
Ralf H. Siegemund, Registration No. 22,077
Bruce A. Jagger, Registration No. 19,968
Mario A. Martella, Registration No. 19,619
Daniel L. Dawes, Registration No. 27,123
Natan Epstein, Registration No. 28,997
Robert Jacobs, Registration No. 33,403

08801795-021497

Address telephone calls to: Daniel L. Dawes, Esq.
(310) 215-3183
(714) 644-7740

Address all correspondence to: Daniel L. Dawes, Esq.

BEEHLER & PAVITT
100 Corporate Pointe, Suite. 330
Culver City, California 90230

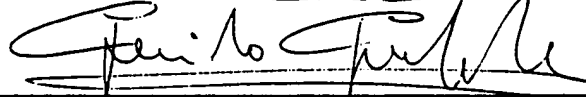
Mailing Address:
P. O. Box 92400
Los Angeles, California 90009

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of first or sole inventor: ¹⁰⁰ GUIDO GUGLIELMI

2-4-92

Date



Signature of Inventor

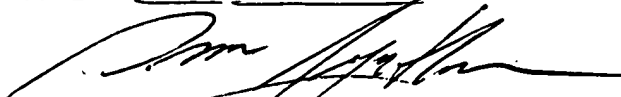
Residence: Santa Monica, California ^{CA}

Post Office Address: 513 Wilshire Boulevard, Apartment 218
Santa Monica, California 90401

Full name of second inventor: ²⁰⁰ IVAN SEPETKA

2/10/92

Date



Signature of Inventor

Residence: Redwood City, California ^{CA}

Post Office Address: 1148 17th Street
Redwood City, California 94063

Applicant or Inventor: GUGLIELMI, G., et al.

Serial or Patent

Docket No. M203a-D

Filed or Issued

For: IMPROVEMENTS IN AN ENDOVASCULAR ELECTROLYTICALLY DETACHABLE GUIDEWIRE TIP FOR THE FORMATION OF THROMBUS IN ARTERIES, VEINS, ANEURYSMS, VASCULAR MALFORMATION AND ARTERIOVENOUS FISTULAS
 VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
 [37 CFR 1.9(f) and 1.27(d)] - NONPROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: The Regents of the University of CaliforniaADDRESS OF ORGANIZATION: 300 Lakeside Drive, 22nd Floor
Oakland, CA 94612-3550

TYPE OF ORGANIZATION

- ☒ UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION
☒ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE [26 USC 501(a) and 501(c) (3)]
☐ NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OR THE UNITED STATES OF AMERICA
 (NAME OF STATE _____)
 (CITATION OF STATUTE _____)
☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE [26 USC 501(a) and 501(c) (3)] IF LOCATED IN THE UNITED STATES OF AMERICA
☐ WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA
 (NAME OF STATE _____)
 (CITATION OF STATUTE _____)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) or (b) of Title 35, United States Code with regard to the invention entitled IMPROVEMENTS IN AN ENDOVASCULAR ELECTROLYTICALLY DETACHABLE GUIDEWIRE TIP FOR THE FORMATION OF THROMBUS IN ARTERIES, VEINS, ANEURYSMS, VASCULAR MALFORMATION AND ARTERIOVENOUS FISTULAS by inventor(s) VENOUS FISTULAS by inventors Guido Guglielmi and Ivan Sepetka

- ☒ the specification filed herewith described in
☐ application serial no. _____, filed _____
☐ Patent no. _____, issued _____

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern, or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).
 *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities (37 CFR 1.27).

NAME TARGET THERAPEUTICSADDRESS 130 Via Robles, San Jose, California 95134

☐ INDIVIDUAL ☒ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

NAME _____

ADDRESS _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 CFR 1.28(b)]

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 USC §1001, and may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Valentin FikovskyTITLE IN ORGANIZATION Manager, Engineering Licensing, Office of Technology TransferADDRESS OF PERSON SIGNING 300 Lakeside Drive, 22nd Floor
Oakland, California 94612-3550SIGNATURE Valentin FikovskyDATE January 29, 1992

08803795 021497



Express Mail
RB612524198US

F086143363945
EM601094898US

Applicant or Patentee: GUGLIELMI, G., et al. Attorney's
Serial or Patent No.: _____ Docket No.: M203a-D
Filed or _____
For: IMPROVEMENTS IN AN ENDOSCULAR ELECTROLYTICALLY DETACHABLE WIRE
AND TIP FOR THE FORMATION OF THROMBUS IN ARTERIES, VEINS, ANEURYSMS,
VASCULAR MALFORMATIONS AND ARTERIOVENOUS FISTULAS
VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN TARGET THERAPEUTICS
ADDRESS OF CONCERN 130 Via Robles
San Jose, California 95134

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that: the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled IMPROVEMENTS IN AN ENDOSCULAR ELECTROLYTICALLY DETACHABLE WIRE AND TIP ... by inventor(s) Guido Guglielmi and Ivan Segetka described in

- ☒ the specification filed herewith
☐ application serial no. _____, filed _____
☐ patent no. _____, issued _____

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
ADDRESS 300 Lakeside Drive, 22nd Floor, Oakland, CA 94612-3550
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☒ NONPROFIT ORGANIZATION

NAME _____
ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Eric Engelson
TITLE OF PERSON OTHER THAN OWNER Vice-President, Target Therapeutics
ADDRESS OF PERSON SIGNING 130 Via Robles
San Jose, Ca 95134
SIGNATURE [Signature] DATE 2/7/92

08801795-021497



FROM BEEHLER, PAUL T. BETHEL

TO 6851 510440760022* P.02

Express Mail #RB612524198US

Attorney Docket No. M203a-D
UC Case No. 89-203-2
F466/4363948
EM60109489845

68066 U.S. PTO
08801795
02/14/97

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application:
Guido Guglielmi & Ivan Sepetka.

Serial No. 07/840,211
Filed: Feb. 24, 1992

For: Improvements in an Endovascular
Electrolytically Detachable Guidewire Tip for
the Formation of Thrombus in Arteries, Veins,
Aneurysms, Vascular Malformations and
Arteriovenous Fistulas

POWER OF ATTORNEY BY ASSIGNEE
AND EXCLUSION OF INVENTOR(S) UNDER RULE 32

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest of Ivan Sepetka in the above-identified subject application hereby appoints Daniel L. Dawes, of the firm of Beehler & Pavitt, as its attorneys to prosecute this application and to transact all business in the Patent Office connected therewith, said appointment to be in the exclusion of the inventors and their attorney(s) in accordance with provisions of Rule 32 of the Patent Office Rules of Practice.

Please direct all telephone calls to Daniel L. Dawes at (714) 644-7740 and all correspondence relative to said application to the following address:

Daniel L. Dawes
Beehler & Pavitt
P. O. Box 92400
Los Angeles, California 90009

Assignee: TARGET THERAPEUTICS

Signature: [Signature] Date 2/22/94
Typed Name: ERIE T. ENGELSON
Title: SR. VICE PRESIDENT
Address: 47201 Lakeview Blvd.
Fremont, California 94527-6100



Express Mail #RB612524198US

Attorney Docket No. M203-D
UC Case No. 89-203-2

~~7686143363995~~
EM 001094898 US

68066 U.S. PTO
08801795
02/14/97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application:
Guido Guglielmi & Ivan Sepetka.

Serial No. 07/840,211
Filed: Feb. 24, 1992

For: Improvements in an Endovascular
Electrolytically Detachable Guidewire Tip for
the Formation of Thrombus in Arteries, Veins,
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Arteriovenous Fistulas

POWER OF ATTORNEY BY ASSIGNEE

AND EXCLUSION OF INVENTOR(S) UNDER RULE 32

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest of Guido Guglielmi in the above-identified subject application hereby appoints Daniel L. Dawes, of the firm of Beehler & Pavitt, as its attorneys to prosecute this application and to transact all business in the Patent Office connected therewith, said appointment to be in the exclusion of the inventors and their attorney(s) in accordance with provisions of Rule 32 of the Patent Office Rules of Practice.

Please direct all telephone calls to Daniel L. Dawes at (714) 644-7740 and all correspondence relative to said application to the following address:

Daniel L. Dawes
Beehler & Pavitt
P. O. Box 92400
Los Angeles, California 90009

Assignee: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Signature: [Signature] Date February 18, 1994
Typed Name: Linda S. Stevenson
Title: Prosecution Analyst
Address: Office of Technology Transfer
300 Lakeside Drive, 22nd Floor
Oakland, California 94612-3550



Express Mail #RB612424198US

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EM60109489805
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
68066 U.S. PTO
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
08801795
02/14/97

DATE: 04/01/92

TO:

BEEHLER & PAVITT
DANIEL L. DAWES
100 CORPORATE POINTE
SUITE 330
CULVER CITY, CA 90230

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APR 20 1992

BEEHLER, PAVITT

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS, ON THIS NOTICE, PLEASE SEND A REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:

GUGLIELMI, GUIDO

DOC DATE: 01/14/92

RECORDATION DATE: 02/24/92 NUMBER OF PAGES 004 REEL/FRAME 6030/0823

DIGEST :ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE
300 LAKESIDE DRIVE, 22ND FLOOR
OAKLAND, CA 94612-3550

SERIAL NUMBER	7-840211	FILING DATE	02/24/92
PATENT NUMBER		ISSUE DATE	00/00/00



07/840211
Guglielmi et al. (UC)
M203a-D
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: GUIDO GUGLIELMI et al.

TITLE : IMPROVEMENTS IN AN ENDOVASCULAR ELECTROLYTICALLY DETACHABLE WIRE AND TIP FOR THE FORMATION OF THROMBUS IN ARTERIES, VEINS, ANEURYSMS, VASCULAR MALFORMATIONS AND ARTERIOVENOUS FISTULAS

DOCKET NO.: M203a-D

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

Enclosed please find:

- ☒ The above captioned continuation-in-part patent application of S.N. 07/492,717, filed March 13, 1990
- ☒ Sheets Formal Drawings
- ☒ Sheets Informal Drawings (6 sheets)
- ☒ Combined Declaration and Power of Attorney
- ☒ Small entity forms (2)
- ☒ Assignments (2)
- ☒ Assignment Recording fee in the amount of..... \$ 40.00
- ☒ Basic Fee.Small Entity..... \$ 345.00
- ☒ Total Claims = 24 -20 = 4 X \$10 = 40.00
- ☒ Independent Claims = 8 -3 = 5 X \$36 = 180.00
- ☒ Filing Fees (total) in the amount of:\$ 605.00
- ☒ Prior Art Statement
- ☒ Return Postcard
- ☒ Express Mail Certificate Mailing Label No.
- ☒ STATEMENT OF CANDOR.

The Commissioner of Patents is hereby authorized to charge the filing fee of \$605.00 to deposit account number 02-1731 and any fees which may be required under 37 CFR 1.16 and 1.17 or any additional fees which may be required by this paper, or to credit any overpayment to account number 02-1731.

Sincerely,

Daniel L. Dawes
Daniel L. Dawes
Registration No. 27,123
BEEHLER & PAVITT
100 Corporate Pointe, Ste. 330
Culver City, California 90230
(310) 215-3183 / (714) 644-7740

Mailing Address: 07840211
P. O. Box 92400
Los Angeles, California 90009

FEE VALUE ACCOUNTABILITY	
DEPOSIT ACCOUNT NO.	
02	1731
FEE CODE	VALUE FURNISHED
581	40.00

express charge sent to finance Dan

FILED 030 MAR 823

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington,

D.C. 20231, on FEB. 20, 1992
(Date of Deposit)

Maureen Vieira
MAUREEN VIEIRA

02-1731 030 581

Date of Signature: Feb. 20, 1992

ASSIGNMENT

THIS ASSIGNMENT, by Guido Guglielmi, residing at 513 Wilshire Boulevard, Apartment 218, Santa Monica, California 90401 (hereinafter referred to as assignor), witnesseth:

WHEREAS, the said assignor has invented new and useful IMPROVEMENTS IN AN ENDOVASCULAR ELECTROLYTICALLY DETACHABLE GUIDEWIRE TIP FOR THE FORMATION OF THROMBUS IN ARTERIES, VEINS, ANEURYSMS, VASCULAR MALFORMATIONS AND ARTERIOVENOUS FISTULAS, set forth in an application for Letters Patent of the United States having an oath or declaration executed on even date herewith; and

WHEREAS, THE REGENTS OF THE UNIVERSITY OF CALIFORNIA duly organized under and pursuant to the laws of the State of California, and having its principal place of business at 300 Lakeside Drive, 22nd Floor, Oakland, California 94612-3550 (hereinafter referred to as assignee) are desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and in consideration of the benefits stipulated in the "University of California Policy Regarding Patents," as revised and effective as of April 16, 1990, which document is made by reference part hereof, and in fulfillment of my Patent Agreement with the University of California, and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, legal representative and assigns, the entire right, title and interest in and to the above mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to all divisions, continuations and continuations-in-part of said applications, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the

REC-6030 MAR 1982 4

term or terms for which Letters Patents or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, the said assignor hereby covenant and agree to and with the said assignee, its successor, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and the application for Letters Patent above mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignor will, whenever counsel of the said assignee, or the counsel of its successors, legal representative and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any resissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patents for said inventions, without charge to said assignee, its successors, legal representative and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and

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behoof of the said assignee, its successors, legal representatives and assigns.

Executed this 14th day of January, 1992.

Fido G. M.

STATE OF CALIFORNIA;)

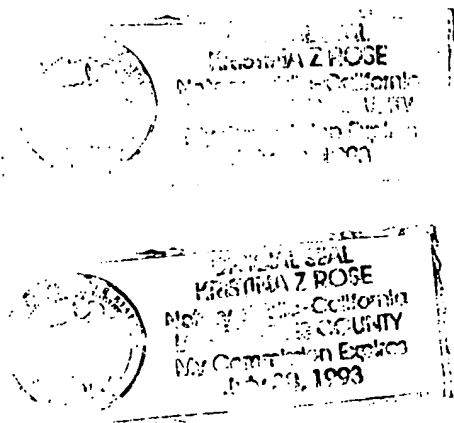
) ss

COUNTY OF LOS ANGELES)

On this 14th day of January, 1992,
before me personally appeared Fido Guglielmi, M.D.,
to me known to be the person whose name is subscribed to the
foregoing instrument, and who acknowledged that he executed
said instrument as his free and voluntary act and for the
uses and purposes therein expressed.

SEAL

Kristina Z. Rose
Notary Public



RECORDED
FEB 24 1992

FEB 24 92

DATE: 04/15/92

TO:

BEEHLER & PAVITT

DANIEL L. DAWES

100 CORPORATE POINTE

SUITE 330

CULVER CITY, CA 90230



Express Mail 78612524-198US-
EM 0109489845
786143363945
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
68066 U.S. PTO
08801795



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APR 20 1992

BEEHLER, PAVITT

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CURRENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS, ON
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TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35,
WASHINGTON, D.C. 20231

IGNOR:

SEPETKA, IVAN

DOC DATE: 02/06/92

ORDINATION DATE: 02/24/92 NUMBER OF PAGES 004 REEL/FRAME 6030/0827

BEST :ASSIGNMENT OF ASSIGNORS INTEREST

IGNEE:

TARGET THERAPEUTICS

130 RIO ROBLES

SAN JOSE, CA 95134-1806

AL NUMBER 7-840211

NT NUMBER

FILING DATE 02/24/92
ISSUE DATE 00/00/00

ASSIGNMENT

THIS ASSIGNMENT, by Ivan Sepetka, residing at 1148 17th Street, Redwood City, California 94063 (hereinafter referred to as assignor), witnesseth:

WHEREAS, the said assignor has invented new and useful IMPROVEMENTS IN AN ENDOVASCULAR ELECTROLYTICALLY DETACHABLE GUIDEWIRE TIP FOR THE FORMATION OF THROMBUS IN ARTERIES, VEINS, ANEURYSMS, VASCULAR MALFORMATIONS AND ARTERIOVENOUS FISTULAS, set forth in an application for Letters Patent of the United States having an oath or declaration executed on even date herewith; and

WHEREAS, TARGET THERAPEUTICS duly organized under and pursuant to the laws of the State of Delaware, and having its principal place of business at 130 Rio Robles, San Jose, California 95134-1806 (hereinafter referred to as assignee) are desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, legal representative and assigns, the entire right, title and interest in and to the above mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to all divisions, continuations and continuations-in-part of said applications, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the

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term or terms for which Letters Patents or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, the said assignor hereby covenant and agree to and with the said assignee, its successor, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and the application for Letters Patent above mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignor will, whenever counsel of the said assignee, or the counsel of its successors, legal representative and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any resissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patents for said inventions, without charge to said assignee, its successors, legal representative and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and

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behoof of the said assignee, its successors, legal representatives and assigns.

Executed this 6 day of February, 1992.

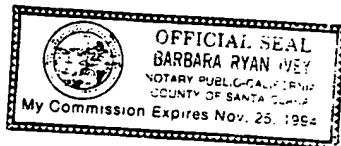
STATE OF CALIFORNIA;

COUNTY OF Santa Clara

SS

On this 6 day of February, 19
before me personally appeared Ivan Sepetka,
to me known to be the person whose name is subscribed to the
foregoing instrument, and who acknowledged that he executed
said instrument as his free and voluntary act and for the
uses and purposes therein expressed.

SEAL



Notary Public

RECORDED
STATE OF TENNESSEE OFFICE

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REF ID: A63018